

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) An isolated nucleic acid molecule comprising:
a nucleotide sequence consisting of or complementary to ORF8 ~~all or part of a coding sequence of SEQ ID NO. 15, wherein said part comprises one or more open reading frame selected from the group consisting of ORF1, ORF2, ORF3, ORF4, ORF5, ORF6, ORF7, ORF8, and ORF9~~; or
a nucleotide sequence encoding a variant of SEQ ID NO. 15 ~~wherein the polypeptide encoded by the nucleotide sequence of the variant has insecticidal activity, and which hybridizes under high stringency conditions of 0.1xSSC, 0.1%SDS at 65°C to the nucleotide ORF8 sequence of SEQ ID NO. 15 under high stringency conditions of 0.1xSSC, 0.1%SDS at 65°C, and wherein the encoded polypeptide of said variant has γ-type pyridoxal phosphate (PLP) enzyme activity.~~

Claims 2. through 13 (Cancelled)

14. (Currently amended) The isolated nucleic acid of claim 1, ~~2, or 3~~, wherein ORF8 ~~of SEQ ID NO. 15 encodes *lolC*, the coding sequence encodes a γ-type pyridoxal phosphate (PLP)~~.

Claims 15. through 20(Cancelled)

21. (Currently amended) An expression vector comprising the nucleic acid compound of claim 1, ~~2, or 3~~.

22. (Currently amended) An isolated host cell transformed with an expression vector of claims 21.

23. (Original) The host cell according to claim 22 wherein the host cell is a bacterium.

24. (Original) The host cell according to claim 23 wherein the host cell is *E. coli*.

25. (Cancelled)
26. (New) The host cell according to claim 22 wherein the host cell is *Neotyphodium*.
27. (New) The host cell according to claim 22 wherein the host cell is *Epichloë*.
28. (New) The host cell according to claim 22 wherein the host cell is a plant cell.